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## INSPECTION GUIDELINES: OSB AND PLYWOOD SHEATHING



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**INSPECTION CODE:** 004, 006

**SCOPE:** RESIDENTIAL

**CODES ENFORCED:** CBC, CRC, CFC, CALGreen, CEBC, CHC, and SMC

*The information provided in this document is general and intended as a guide only. Each project is unique and additional requirements may be enforced as deemed appropriate.*

- Correct span rating based on spacing of rafters, joists, or trusses. (CRC 803.2.2 & (CRC 503.2.1.1(1) or APA E30))
- Sheathing less than ½" thickness placed over rafters which are spaced more than 20" on center require plywood clips or blocked edges. Typically, 7/16" OSB with a span rating of 24/16 is used and will not require clips. (Table CRC 503.2.1.1(1))
- Braced Wall or Shear wall are nailed per engineered design or conventional framing if not engineered. (CRC 602.3)
- Sheathing exposed to weather (underside of eaves) must have exterior grade glue (marked as "Exterior" or "Exposure 1"). Verify Rating Label. (CRC 803.2.1.1)
- Minimum prescriptive nailing is 8d common nails at 6" on center at supported edges and 6" or 12" on center in the field. Verify on permit plans for new construction.
- Oriented strand board and plywood shall have a gap at abutting edges as per the stamped label recommendation on the sheathing.
- At fire-rated walls or eaves check the approved plans for specifications of fire-retardant-treated plywood type and locations.